NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

atp™
ADVANCED TECHNOLOGY PROGRAM

NIST ATP Calls for Input on Wireless Communications

NIST ATP is seeking input from U.S. industries and academia on business opportunities and research needs for wireless communications. In the fiercely competitive world of global markets, some of the best, most promising new technologies can get lost. Too risky for internal R&D or venture capital funds, they are often dropped entirely.

Make plans to attend the NIST ATP…

1998 Fall Meeting
November 17-18, 1998
Sheraton Gateway Hotel
Atlanta, GA

✓ **Participate in the Proposers' Conference**
✓ **Get the latest news on the ATP**
✓ **Visit the ATP Technology Showcase**
✓ **Learn "best practices" for networking and building R&D alliances**
✓ **Attend workshop in key technology areas**

Imagine the capability of sending voice over long distances. Doesn't require much imagination? O.K., then imagine having over 30 channels of multi-media programs, including data, audio and MPEG-4 video, delivered to you in your car while driving at very high speeds. Think of what's next in wireless communications. Imagine the possibilities. The tremendous growth potential. Then stretch your vision another order of magnitude. What are the not-yet-possible technologies that must be developed within the wireless community to enable the next generation and generation-after-next wireless systems? That's where the Advanced Technology Program comes in!

We want your ideas. The ATP is industry driven. ATP projects focus on the technology needs of the U.S. industry. Talk to us about advanced technology development activities and partnerships that will lead to new, innovative products, services, and industrial processes in the wireless area. A non-exhaustive list includes, but is not limited to:

- novel active/passive components development and device technology
- revolutionary modeling, design and simulation techniques
- advanced manufacturing processes and materials
- system architecture and networking concepts
- antenna design and propagation for wireless communications
- integration, packaging and assembly
- millimeter wave test and measurement

What is the ATP?

The NIST Advanced Technology Program (ATP), which began in 1990, is a unique partnership between the U.S. Government and private industry to accelerate the development of high-risk technologies that promise significant commercial payoffs and widespread benefits for the nation. The ATP provides a mechanism for industry to extend its technological reach and push out the envelope of what can be attempted. Basic research or final product development is outside the scope of ATP.

NIST

Contact: Elissa I. Sobolewski
Program Manager
Information Technology
and Electronics Office

Tel: (301) 975-3620
Email: elissa.sobolewski@nist.gov
URL: http://www.atp.nist.gov

8/24/98